

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2005/000395

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: E04H 17/22, 17/14, 17/02, E02D 17/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

REFER ELECTRONIC DATA BASE CONSULTED BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC E04H 17/22, 17/14, 17/02, E02D 17/20

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: keywords: E04H 17/-, E02D 17/20, anchor, base, support, weight, post, pole, fence, upright, cleft, gap, slit, dual, two, further, spac, silt, wash, soil, pair, apart, bracket, mount, hold, attach, connect, fenc, net and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | DE 29917244 U1 (HOHRENK) 27 January 2000 See figure 1 | 1,4-7,9-11,25-26 |
| X | AU 2003100411 A4 (AUSTRALIAN FENCING HIRE PTY LTD) 24 July 2003 See figure 1 | 27,29,32-33 |
| X | JP 2003074220A (DAITOU JIG KK) 12 March 2003 See figures | 27,29,33 |
| X | JP 2001214616 A (CHUBU KOHAN KK) 10 August 2001 See figures | 27,29,32-33 |



Further documents are listed in the continuation of Box C



See patent family annex

| | |
|---|--|
| * Special categories of cited documents: | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" earlier application or patent but published on or after the international filing date | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
9 June 2005

Date of mailing of the international search report
20 JUN 2005

Name and mailing address of the ISA/AU

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INTERNATIONAL SEARCH REPORT

International application No.
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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | DE 19652696 A1 (KTP KUNSTSTOFFTECHNIK UND PRODUKTION GmbH & CO KG) 25 June 1998 See figures | 27,29,32-33 |
| X | GB 2248860 A (CROWNLEA PLANT (HIRE & SALES) LTD) 22 April 1992 See figure 2 | 27,29,32-33 |
| X | GB 2245616 A (TAYLOR) 8 January 1992 See figures | 27,29,32-33 |
| X | AU 2002101002 A4 (THOMAS) 12 June 2003 See figures | 27,29,31 |
| X | CA 2307146 A1 (BULPITT) 4 November 2000 See figures 1-3 | 27,29,31 |
| X | JP 2001132281 A (SHINETSU POLYMER KK) 15 May 2001 See figures | 27,29 |
| X | DE 3602787 A1 (DRUCK) 6 August 1987 See figure 1 | 37,39,43-45 |
| X | EP 428468 A1 (NOUMAC SL) 22 May 1991 See figures | 46-50,52-54 |
| X | DE 10111272 A1 (STORK) 12 September 2002 See figure 3 | 46,70-71 |
| X | JP 2000045241 A (SEKISUI JUSHI KK) 15 February 2000 See figures | 46,70-71 |
| X | JP 2000027497 A (SEKISUI JUSHI KK) 25 January 2000 See figures | 46,70-71 |
| X | JP 2000027135 A (SEKISUI JUSHI KK) 25 January 2000 See figures | 46,70-71 |

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PCT/AU2005/000395

| C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | AU 199852034 A1 (RMD PRESS CO PTY LTD) 14 May 1998 See figures | 46,70-71 |
| X | DE 29721303 U1 (CARL FROH GmbH) 29 January 1998 See figures 3-5 | 46,70-71 |
| X | JP 9296632 A (IWAYA KASEI IIN KK) 18 November 1997 See figure 2 | 46,70-71 |
| X | JP 9228701 A (TACHIYAMA ALUMINIUM KOGYO KK) 2 September 1997 See figure 1 | 46,70-71 |
| X | DE 4127942 A1 (STORCK) 4 March 1993 See figures | 46,70-71 |
| X | BE 901539 A (ALBERTS GMBH & CO KG) 17 May 1975 See figures | 46,70-71 |
| X | DT 2706333 A1 (VEREINIGTE METALLWERKE RANSHOFEN-BERNDORF AG) 25 August 1977 See figure 2 | 46,70-71 |
| X | DE 19617012 A1 (KAMPFE METALLBAU) 30 October 1997 See figure 1 | 46,70 |
| X | DE 19703835 A1 (BRUDER SIEGEL GmbH & CO KG DRAHT UND METALLWARENFABRIK) 9 October 1997 See figure | 46 |
| X | JP 8177272 A (IDA TECHNOS KK) 9 July 1996 See figures | 46 |
| X | JP 8060898 A (NIHON KOKI KK) 5 March 1996 See figures | 46 |
| X | US 4243343 A (WIER) 6 January 1981 See figures | 46 |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2005/000395**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See attached sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest☐ The additional search fees were accompanied by the applicant's protest.☒ No protest accompanied the payment of additional search fees.

Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

Continuation of Box No: III

The international application does not comply with the requirements of unity because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1 to 26 are directed to a temporary fence comprising a barrier assembly including one or more posts with panels mounted thereon, and anchors for anchoring the posts, each anchor including first and second anchor elements with a cleft disposed between each anchor element when assembled. It is considered that "the cleft disposed between each anchor element when assembled" comprises a first special technical feature.
2. Claims 27 to 36 are directed to a temporary fence comprising a barrier assembly including one or more posts with fence elements mounted thereon, and an anchor with mountings for a first and second post, the mountings being spaced apart from one another. It is considered that "an anchor with spaced apart mountings for a first and second post" comprises a second special technical feature.
3. Claims 37 to 45 are directed to a temporary fence including an anchor with a mounting for a post of a first fence which post has a mounting bracket connected to it, the bracket having attachment means for receiving an upper portion of a second fence, the attachment means being at the distal end of the bracket such that in use the upper portion is vertically above the base portion of the second fence. It is considered that "a post with a mounting bracket with attachment means for a second fence" comprises a third special technical feature.
4. Claims 46 to 82 are directed to a fence mounting device for mounting a fence to a fence post comprising a main body mountable to a fence post and attachment means to which the fence can be releasably secured. It is considered that "a device mountable to a fence post with attachment means to which a fence can be releasably secured" comprises a fourth special technical feature.

Since the abovementioned groups of claims do not share any of the technical features identified, a "technical relationship" between the inventions, as defined in PCT rule 13.2, does not exist. Accordingly the international application does not relate to one invention or to a single inventive concept, a priori.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | | Patent Family Member | | |
|--|-------------|-----|----------------------|----|---------|
| DE | 29917244 | NIL | | | |
| AU | 2003100411 | NIL | | | |
| JP | 2003074220 | NIL | | | |
| JP | 2001214616 | NIL | | | |
| DE | 19652696 | NIL | | | |
| GB | 2248860 | NIL | | | |
| GB | 2245616 | NIL | | | |
| AU | 20021011002 | NIL | | | |
| CA | 2307146 | NIL | | | |
| JP | 2001132281 | NIL | | | |
| DE | 3602787 | NIL | | | |
| EP | 0428468 | NIL | | | |
| DE | 10111272 | NIL | | | |
| JP | 2000045241 | NIL | | | |
| JP | 2000027497 | NIL | | | |
| JP | 2000027135 | NIL | | | |
| AU | 199852034 | NIL | | | |
| DE | 29721303 | NIL | | | |
| JP | 9296632 | NIL | | | |
| JP | 9228701 | NIL | | | |
| DE | 4127942 | NIL | | | |
| BE | 901539 | DE | 3403340 | FR | 2558882 |
| DT | 2706333 | AT | 120676 | CH | 603949 |
| DE | 19617012 | NIL | | | |
| DE | 19703835 | AT | 20497 | FR | 2746894 |
| JP | 8177272 | NIL | | | |
| JP | 8060898 | NIL | | | |
| US | 4243343 | NIL | | | |

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX